This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Drug platforms			
Injectable polymer for repair of damage caused by myocardial infarction (MI)	<p>A study in sheep suggests that an injectable polymer with adjustable biomechanical properties could be useful for treating MI. In a sheep assay of MI recovery, tissue injected with a hyaluronic acid hydrogel polymer with a high level of cross-linking showed stronger structural properties and smaller infarct size after eight weeks than tissue injected with a polymer with low levels of cross-linking. Next steps include developing an injection procedure for the hydrogel and testing its long-term efficacy in further preclinical studies. Myostratum LLC has a hydrogel in preclinical testing to treat MI.</p> <p>SciBX 3(25); doi:10.1038/scibx.2010.782 Published online June 24, 2010</p>	Patent pending; nonexclusively licensed to Myostratum; available for licensing for other applications	<p>Ifkovits, J.L. <i>et al. Proc. Natl. Acad. Sci. USA</i>; published online June 7, 2010; doi:10.1073/pnas.1004097107</p> <p>Contact: Jason A. Burdick, University of Pennsylvania, Philadelphia, Pa. e-mail: burdick2@seas.upenn.edu</p>